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Burger et al.

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(54) **STEERABLE AND CURVABLE CAVITY
CREATION SYSTEM**

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(58) **Field of Classification Search**
USPC 606/79, 92–94, 105
See application file for complete search history.

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(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
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application No. 12/029,428, filed on Feb. 11, 2008,
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(57) **ABSTRACT**

Methods and devices for augmenting bone, such as in
performing vertebroplasty are disclosed. A bone cement
injection needle is provided, having a laterally deflectable
distal end. Systems are also disclosed, including the steer-
able and curvable injection needle, introducer and stylet.
The system can also include various exit ports that can be
configured with clog-resistant features, such as an obturator.
Steerable cavity creation systems and methods are also
disclosed.

8 Claims, 55 Drawing Sheets

